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Features

NiZn ferrite with a range of 20 to 250 MHz for suppression of conducted EMI, that is used for inductive applications (ex: high frequency common-mode chokes)

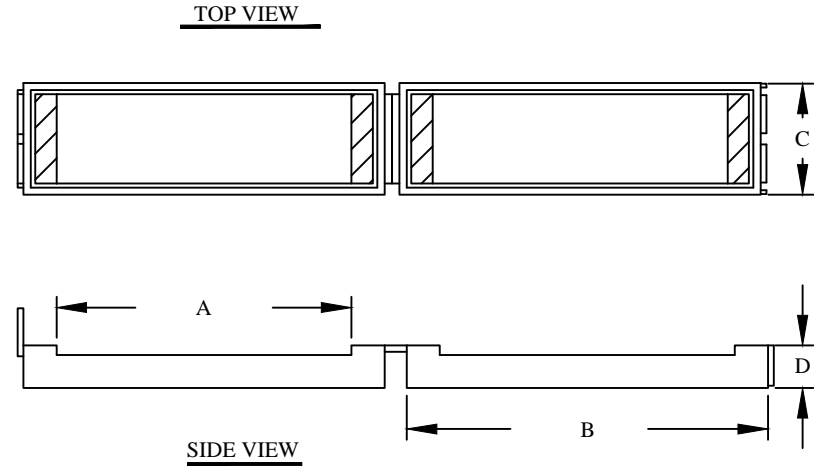
Broadband frequency range of 25-300 MHz. Suppressing frequencies up to 500 MHz

S-951-43-2P

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	AP.	DATE
A		Production release	EO	9/27/13	JL	9/27/13

Electrical Specifications				
Item	Unit/Symbol	Condition	Value	Tol.
Typical Impedance	Ω	10 MHz	56	Typ.
Typical Impedance	Ω	25 MHz	100	Typ.
Typical Impedance	Ω	100 MHz	290	70 Min.
Typical Impedance	Ω	250 MHz	400	225 \pm 20%
Initial Permeability	μ_0	@ B < 10 gauss	800	Nom.
Temp. Coeff. Of initial Permeability	%, $^{\circ}\text{C}$	20 - 70 $^{\circ}\text{C}$	1.25	Typ.
Coercive Force	H_c	oersted	0.45	Typ.
Residual Flux Density	Gauss, B_r	N/A	1300	Typ.
Flux Density	Gauss, B	Initial (B), oersted	2900	Typ.
	Gauss, H	@ Field Strength (H), oersted	10	Typ.
Curie temperature	$^{\circ}\text{C}$	T_c	> 130	Nom.
Resistivity	$\Omega \text{ cm}, \rho$	@ Field Strength	10^5	Typ.
Loss Factor	$10^{-6}, \tan \delta / \mu$	Initial	250	Typ.
	MHz	@ Frequency	1	Typ.

Dimensions						
	Cable Width	A	B (Core Dimension)	C	D	E
In	1.300	2.050	2.670	1.272	0.320	N/A
Tol.	Max.	Nom.	Nom.	Nom.	Nom.	N/A
mm	51.00	52.10	67.80	32.30	8.10	N/A
Tol.	Max.	Nom.	Nom.	Nom.	Nom.	N/A
Weight	110.00 g					



For additional detail, specifications and charts see:
http://www.bytemark.com/products/ferrite_matl.htm

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		PARTS LIST	
AUTOCAD	X	www.coilws.com www.cwsbytemark.com	CWSBYTEMARK 353 West Grove Ave. Orange, CA. 92865
SOLIDWORKS			
SIGN	DATE	TITLE: Flat RF/EMI Suppression Core Material 43, NiZn	
DRAWN	EO 9/27/13		
CHECKED	JL 9/27/13		
ENGR.	JL 9/27/13		
APPR.	JL 9/27/13	SIZE DWG. NO.	REV
		B S-951-43-2P	A
DO NOT SCALE DRAWING		SCALE	SHEET 1 OF 1
		N/A	